GUIA DE REFERENCIA DE REEMPLAZOS DE TRANSISTORES PEAVEY

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ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
		TO-92 TRANSISTORS		
2N3391(A)	SPS-953(A, B) MPS-8097, 2N6520	MPS-A18, 2N6539, SK-3919	OBSOLETE 70403919	LEAD CONFIG. DIFF. ON 3391
2N4249	SPS-690, 699-1, PN-2907A	2N5086, 2N4249	70404249	REPLACE WITH SPS 761 IN DIF. AMPS
2N3904	SPS-7239, MPS-3405, MPS-3417, 30615, 2N5550	MPS-8098	70403904	DIF. AMP REPLACE IN PAIRS
2N4888	SPS-761	2N5400, 2N5401	70400761	DIF. AMP REPLACE IN PAIRS
SPS761	2N5400, 2N5401		70400761	DIF. AMP REPLACE IN PAIRS
2N5400	2N5401, SPS761		70400761	DIF. AMP REPLACE IN PAIRS
2N5401	2N5400, SPS-761		70400761	DIF. AMP REPLACE IN PAIRS
SPS-953 A, B*	SK-3919, MPS-8097, 2N6520	2N3391(A), MPS-A18, 2N6539	70403919	A=LOW NOISE B=SUPER LOW NOISE
SK-3919	SPS-953(A, B), MPS-8097, 2N6520	2N3391(A)	70403919	2N3391 SEE ABOVE
2N6520	SPS-953(A, B), SK-3919, MPS-8097	2N3391(A)	70403919	2N3391 SEE ABOVE
SPS-690	2N4249, 699-1	2N5086, 2N4249	70404249	
699-1	SPS-690, 2N4249	2N4249, 2N5086	70404249	
SPS-7239	2N3904, 30615, 2N5550	MPS-8098, MPS-3405, MPS-3417	70403904	
30615	2N3904, SPS7239		70403904	
MPS-6530	2N3642, MPS6531	2N3642	70406530	
MPS-6531	2N3642/MPS-6530	2N3642	70406531	
MPS-6533	2N3638, MPS-6534	2N3638	70406533	
MPS-6534	2N3638, MPS-6533	2N3638	70406533	

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
2N4403	2N3638, 2N6533, 2N6534	2N3638	70406533	
2N3644	2N3638, 2N6533, 2N6534	2N3638	70406533	
2N4401	2N3642, 2N5630, 2N6531	2N3642	70406531	
786	2SD-78	2SD-786E	70400786	
A13	MPS-A13	MPS-A13	70400013	NPN DARLINGTON
A63	MPS-A63	MPS-A63	70400063	PNP DARLINGTON
1815	2SC1815	2SC1815	70401815	NPN TRANSISTOR
2878	2SC2878	2SC2878	70402878	
5550	2N5550	2N5550	70405550	
2N3638	MPS-6533, MPS-6534, 2N3644, 2N4403	2N3638, 2N3644	70403638	
2N3642	MPS-6530, MPS-6531	2N3642	70403642	3642 BACKSTAGE 30 (LIMITER)
		TO-126 TRANSISTOR		
SJE-5331	SJE-360, SJE-5919	MJE-243 CASE 77	70405331	LEAD CONFIG. MAY DIFFER
SJE-5332	SJE-5920, FT-417B	MJE-253, MJE-15029	70405332	LEAD CONFIG. MAY DIFFER
MJE-243/4	SJE-5331	MJE-243, CASE 77	70405331	+ & - 42 VOLT RAILS ONLY
M-10049	SJE-5331		70405331	SEE ABOVE.
MJE-253/4	SJE-5332	CASE 77	70405332	SEE ABOVE.
SJE-5986	SJE-5332	CASE 77	70405332	SEE ABOVE.
SJE-7036	SJE-5332	CASE 77	70405332	SEE ABOVE.
SJE-360	SJE-5331 SEE ABOVE		70405331	
SJE-6018	355-1	MJE-340, SJE-3517	70406018	
SJE-6019		MJE-350	70406019	
SDS-7204	1034	2N6557, MPS-U10	70407204	
SDS-7205	MPS-U60, BF-463, 9058S, 0694	MPS-U60	70407205	TUBE DRIVER, REPLACE PAIR

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
		TO-220 TRANSISTOR		
2005M	TDA-2005M	TDA-2005M	70402005	20W PWR IC
2008	TDA-2008	TDA-2008	70402008	12W PWR IC
2040	TDA-2040	TDA-2040	70402040	PWR OP-AMP IC
2152	SJE-2152	TIP-101	70402152	NPN DARLINGTON
2153	SJE-2153	TIP-106	70402153	PNP DARLINGTON
EP-430	TIP-31C, TIP-29C	TIP-31C, TIP-29C	70400430	
EP-431	TIP-30C	TIP-30C, TIP-32C	70400431	
TIP-29C	EP-430	TIP-31C	70400430	
TIP-31C	EP-430	TIP-29C	70400430	
TIP-30C	EP-431	TIP-32C	70400431	
64278*	65837, SDS-7204, 1034	2N3439, MJE-3439	70407204	TUBE DRIVER, REPLACE PAIR
65837*	SDS-7204, 1034	2N3439, MJE-3439	70407204	TUBE DRIVER, REPLACE PAIR
SJ-5884	MJE-15030	MJE-15028, TO-220	70405884	TUBE DRIVER, REPLACE PAIR
CA-2004M			70402004	
CA-2008		TDA-2008, TO-220	70402008	12 WATT
TDA-2030			70402030	14 WATT TO-220
MJE-700T	SJE-5879	SJE-5879, TO-220	70400700	PNP DARLINGTON
MJE-800T	SJE-5880	SJE-5880	70400800	NPN DARLINGTON
SJE-5879	MJE-700T		70400700	
MJE-15030			70415030	NPN DRIVER 150V
MJE-15031			70415031	PNP DRIVER 150V
		VOLTAGE REGULATORS		
LM-78L05			70407805	TO-92 5V REG.
MC-79L12			70407912	TO-92 12V REG.
7806			704007806	+6V REG. TO-220

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
7810			70407810	+10V REG. TO-220
7812			70407812	+12V REG. TO-220
MC-7905CT			70427905	-5V REG.
7915			70400320	-15V REG.
7815			70400340	+15V REG.
MC-7824CT			70427824	+24V REG.
MC-7924CT			70427924	-24V REG.
MC-7815CK			70407815	+15V REG. TO-3
MC-7915			70407915	-15V REG. TO-3
MC-7824 CK			70407824	+24V REG. TO-3
		TO-3 TRANSIS-TORS		
404118*	84140	2N3772	70484140	NPN
SJ-4096*	81200	MJ-15020	70481200	NPN 200V DRIVER
SJ-4097*	71200	MJ-15021	70471200	PNP 200V DRIVER
SJ-6343*	83180	MJ-15024	70483180	NPN 180V OUTPUT
SJ-6344*	81140	MJ-13330	70481180	NPN 140V DRIVER
SJ-6357*	84140	MJ-15003	70484140	NPN 140V OUTPUT
SJ-6387*	81180	MJ-13330	70481180	NPN 180V DRIVER
SJ-6392	83100	MJ-15015, 2N3055A	70483100	NPN 100V OUTPUT
SJ-6451*	83180	MJ-15024	70483180	NPN 180V OUTPUT
SJ-6465*		MJ-4247	70406465	NPN TUBE DRIVER
SJ-6505*	73100	MJ-15016, 2N6228	70473100	PNP 100V OUTPUT
SJ-6506*	81180	MJ-15020	70481180	NPN 180V DRIVER
SJ6507*	71180	MJ-15021	70471180	PNP 180V DRIVER
SJ-6552*	81140	MJ-15018	70481180	NPN 140V DRIVER
SJ-6553*	71140	MJ-15019	70471180	PNP 140V DRIVER
SJ-8226*	84140	MJ-15052	70484140	NPN 140V OUTPUT
SJ-8227*	74140	MJ-15053	70474140	PNP 140V OUTPUT

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
SJ-8306*	84200	MJ-15024	70484200	NPN 200V OUTPUT
SJ-8307*	74200	MJ-15025	70474200	PNP 200V OUTPUT
SJ-8332*	83180	MJ-15024	70483180	NPN 180V OUTPUT
SJ-8333*	73180	MJ-15025	70473180	PNP 180V OUTPUT
60142*	84140	2N3772	70484140	NPN 140V OUTPUT
62188	84140	2N3773	70484140	NPN 140V OUTPUT
62792*	84140	2N3055	70484140	NPN 140V OUTPUT
64601*	68271	1B05	70468271	CS-800 OUTPUT
67068*	68271	1B09	70468271	CS-800 DRIVER
SJ-63180		MJW-3281A	70463180	NPN CS-150
SJ-53180		MJW-1302A	70463180	PNP CS-150
66161*	83180	1B05	70483180	NPN 180V OUTPUT
67376	84140	2N5630	70467376	NPN OUTPUT
68271		MJ-15024	70468271	CS-800 OUTPUT
73070			70473070	PNP-70V OUTPUT
83070		MJ-3055	70483070	NPN-70V OUTPUT
		MOSFET TRANSISTORS		
IRFP-360		TO-3	70410360	N-CHANNEL
IRFI-634		TO-220	70410634	N-CHANNEL
IRFP-9240		200V	70419240	P-CHANNEL
RFM-1015			70420015	
IRFP-350NM	USE 70900497	INSULATOR ONLY	70400350	HIGH POWER FET
IRF-634			70400634	N-CHANNEL
IRF-830			70400830	N-CHANNEL
BF-966S	DUAL GATE		70400966	N-CHANNEL
VN-2222LL	TO-92	ENHANCEMENT	70402222	
IRF-230			70420230	
IRF-240			7040240	

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
15N40*	IRFP-350		70430350	
IRFP-340		TO-3	70430340	N-CHANNEL
IRFP-350		TO-3	70430350	N-CHANNEL
IRFIP-351			70430351	
634		IS0-220 PACKAGE	70410634	250V N-CHANNEL

* = Original in-house part obsolete; no longer available. N = Note: Save good devices left over for future use.

Our semi-conductors are selected for "safe operating area" and beta range. Commercially available equivalents may not parallel these specs.

Transistor Summary
NOTICE

When replacing power output devices, our designs do NOT require Banks or that all be replaced. We do require that any defective device be replaced with the same part number by PEAVEY. DO NOT MIX BRANDS OR PART NUMBERS, EXCEPTIONS LISTED BELOW.

ITEM NUMBER	NOTES
64601	No longer available; replace with RCA-68271, order by 70468271.
	Driver output for 64601 is 68271, order by 70468271.
RCA-66161	No longer available. Replace with RCA-68271, order by 70468271. NOTE: Replacement of the above devices with the RCA device 70468271 requires no circuit modification. Devices may be mixed or totally changed over to 70468271.
SJ-6451	Motorola part 70406451. No longer available. Replace all ten in each module with 70483180. DO NOT MIX 6451 with 831803. Driver output for 83180 is 70481180. Original driver number was 6506.
SJ-8332	No longer available. Replace with 70483180. DO NOT MIX 8332 with 83180. Driver output for 83180 is 70481180.
SJ-6506	No longer available. Replace with 70481180. Driver output for 6343 (A&B), SJ-8332, or RCA-68271.
SJ-6387	No longer available. Replace with 70481180. NOTE: DO NOT DRIVE 66161 with SJ-6387 OR 81180, Use 67068 or another 66161.
	Motorola 6343 (A&B) No longer available. Replace with 70483180. O.K. to mix in pairs.
SJ-8332	No longer available. Replace with 70483180. NOTE: DO NOT MIX.
6344	No longer available. Replace with 70481140. DO NOT MIX.
SJ-6552	No longer available. Replace with 70481140. DO NOT MIX.
SJ-6357	No longer available. Replace with 70484140. MIX IN PAIRS.
4096	No longer available. Replace with 70481200. DO NOT MIX.
4097	No longer available. Replace with 70471180. DO NOT MIX.
6507	No longer available. Replace with 70471180. DO NOT MIX.
6553	No longer available. Replace with 70471140. DO NOT MIX.
8226	No longer available. Replace with 770484140. DO NOT MIX.
8227	No longer available. Replace with 70474140. DO NOT MIX.
8306	No longer available. Replace with 70484200. DO NOT MIX.
8307	No longer available. Replace with 70474200. DO NOT MIX.
8332	No longer available. Replace with 70483180. DO NOT MIX.

ITEM NUMBER	NOTES
8333	No longer available. Replace with 70473180. DO NOT MIX.

Part numbering system for Peavey TO-3 power transistors. Example: 70484200 = Transistor/NPN/4 amps/200 volt.
CATEGORY/POLARITY/IC VALUE/BVCEO VALUE
704 X Y ZZZ

X = Odd number = (7) = PNP X = Even number = (8) = NPN
Y = Current value where "HFE" gain is specified.
PNP transistors will be "red ink, NPN transistors will be "black" ink.
ZZZ = Voltage value where ICEO is specified.

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
		SPECIAL APPLICATIONS PARTS		
4025		MAC-525-6	70404025	400V 25A TRIAC
Q4040P			70404040	400V 40A TRIAC
2N6346A	SAC-187		70416346	200V 12A TRIAC
MAC-97		TO-92 CASE	70400097	6A 400V TRIAC
TRIAC 99			70400099	400V 16A TRIAC
SAC-187		2N6346A	70400187	200V 12A TRIAC
MAC-252-6		MAC-525-7/8/9/10	70400525	400V 25A TRIAC
MAC-223		TO-220 CASE	70400223	25A 200V TRIAC
SBS-14	MBS-4992	TO-92	70400014	8V SWITCH
M0C-635A			70400635	OPTO-COUPLER
2IL628			70240102	LDR
21L565			70240101	LDR
SBS-14		MBS-4992	70400014	TO-92 8V SWITCH
CL-60			70240200	IN RUSH CURRENT LIMITER
TDA-1074			704001074	DC CONTROLLED DUAL POT
POT DITIGAL	POT	70401267	14-PIN	DUAL DIGITAL POT
		DIODES		
FEP-16		POSITIVE	70400009	HALF BRIDGE

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
FEP-16		NEGATIVE	70400010	HALF BRIDGE
1N34A	US-270		70400034	5MA, 60V, GERM.
HER-130	MUR-120		70400103	200V, 1AMP
1SS142			70400142	250V, SWITCHING
MUR-150			70400150	1 AMP, 500V
FEN16GT			70400160	HALF BRIDGE
FEP16GT			70400161	HALF BRIDGE
B-400*	IR20F-20	GEA-327B	70400400	10A, 200V STUD
P-300D	1N5402, 1N5403		70400502	200V, 3 AMP
MR-502	1N5403, 1N5402		70400502	200V, 3 AMP
BB-619A	SURFACE MOUNT		70400619	TUNING DIODE
BAR -74S	SURFACE MOUNT		70400740	G.P.
1N747A			70400747	3.6V, 5% ZENER
1N 751A			70400751	5.1V, 5% ZENER
MR-752	P-600D		70400752	6 AMP, 200V
1N754A	1N9557B		70400754	6.8V, 5% ZENER
1N757A	1N5239		70400757	9.1V, 5% ZENER
1N968B		5% ZENER	70400968	20V, .5W
1N969B			70400969	22V, 5% ZENER
1N978A	SZG-30720		70430720	51V ZENER
D10LC40			70401040	FAST RECOVERY
1202		PV LITE 2400	70401202	ZENER
15N40	KBP-2504		70401540	25A, 400V BRIDGE
DB2504P		BRIDGE RECT.	70402504	400V, 25A W/LEAD
2508		BRIDGE RECT.	70402508	800V, 25 AMP
SR-2873	MR-2502	TUBE FLYBACK	70402873	2K PIV 250MA
1N4003			70464003	1A, 200V, SIL.
1N4004			70464004	1A, 400V, SIL.
1N4007			70464007	1A, 1000V, SIL.

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
***1N270		1N270	70410270	200 MA, 80V
**SZ-13886	SZ-13551	MZ-2361	70413886	DUAL DIODE
1N5239C		2% ZENER	70415239	9.1V, .4W
1N4148	(LL34)		70418026	SMT (1134)
1N751	(LL34)		70418027	SMT (LL34)
RL-25227B			70418028	3.6V ZENER SMT
MBR-350			70420350	MRB-350 SCHOTTKY
1N758A		5% ZENER	70420758	10V, 400MW
RUR-820			70420820	FAST RECOVERY
FAST REC.			70420830	300V, 8 AMP
1N4150			70424150	SIGNAL DIODE
SPZ-30050	1N4745		70430050	16V, 1W ZENER
SZ-30720		10% ZENER	70430720	51V, .5W T&R
SZG-40102	1N4744		70440102	15V, 1W 5% ZENER
1N4003			70464003	200V, 1A DIODE
1N4004			70464003	400V, 1A DIODE
1N4007			70464007	1000V, 1A SIL.
1N4148	1N914, 1N4		70464148	75V, 10MA SIL.
1N4742			70464742	12V, 1W, 5% ZENER
1N5393			70465393	200V, 1.5A
1N4749	SPZ-20100		70466164	24.5V, 1W ZENER
MR-812	4933, 1N4935		70404933	FAST RECOVERY
BA-5CS*	1N4003	1N4003	70464003	1A, 400V
MA5CS*	MR-752, P-600D		70400752	6A, 200V
1N4744		1N4744	70440102	15V, 1W ZENER
SZP-20100	1N4749		70466164	24.5V, 1W ZENER
15AF40	KBP-2504	BRIDGE RECTIFIER	70401540	25A, 400V
FE-186			70400161	HALF BRIDGE
P-300D	1N5402, 1N5403		70400502	3A, 200V

* Original in-house part number; no longer available.

** SZ-13886 is a special selection from MZ-2361 for voltage drop characteristics. Commercially available parts may not perform to these specs.

*** To be used only in the Studio Chorus 70, not the same part as 70400034 branded #US-270.

ANALOG IC'S

Warnings: All integrated circuits are static sensitve. PLEASE HANDLE WITH CAUTION, USE GROUNDED STATIC-FREE WORKSTATION.

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
TK-11745		TO-92	70411745	4.5V REGULATOR
TLO-72	4558, 3678, 5532, 4560		70400072	BI-FET DUAL JG
TLO-74	TLO-84, XR-4741, MC-33179		70400074	QUAD BI-FET PKG
BA-682			70400682	L.E.D. DRIVER
UA-741	REPLACES TL-071, LF-355, SC-5278		70400741	SINGLE BI-POLAR
LB-1412			70401412	L.E.D. DRIVER
RS-232		DPM-C8	70401488	LINE DRIVER IC
RS-232		DPM-C8	70401489	LINE RECEIVER
SCM-2017P			70402017	AUDIO PREAMP IC
TLE-2062CP			70402062	DUAL J-FET
TLE-2064CN			7042064	QUAD J-FET
1281		12X8X1	70402093	CROSSPOINT SW
MC-142100		4X4X1	70402100	CROSSPOINT SW
RA-3678	4560, 5532	LOW NOISE	70403678	DUAL BI-POLAR
LA-4170			70404170	HEADPHONE AMP
RC-4558	BA-4560	(NOT IN REVERB)	70404558	DUAL BI-POLAR
BA-4560	RC-4558	(NOT IN REVERB)	70414560	DUAL BI-POLAR
L-4962		5V TO 40V, 1.5A	70404962	REGULATOR
NE-5532**	4560, 3678	LOW NOISE OP-AMP	70405532	DUAL BI-POLAR
NE-5534FE	LOW NOISE	CS DRIVE BOARD	70405534	SINGLE BI-POLAR
ICL-7660S			70407662	VOLTAGE INVERT
MC-33179	TLO-74/84		70433179	BI-POLAR QUAD
MC-34071AP			70434071	SINGLE BI-POLAR
MC-34181			70434181	SINGLE J-FET

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
UAA-180		MC & MR MIXER	70467180	L.E.D. DRIVER
SN-75150			70475150	QUAD LINE DRIVE
87478	CA-3094		70487478	SINGLE O.T.A.
87C751			70487751	MICRO-CONTROL
TL-604	SN-99661	SPECIAL HANDLING	70400604	CMOS
MC-3302		COMPARATOR	70403302	BI-POLAR
LM-325		MC & MR MIXERS	70400325	REGULATOR IC
LM-3915		BI-POLAR	70403915	L.E.D. DRIVER
SC-5278*	LF-355, UA-741, TLO-71		70405534	CS DRIVE BOARD
LF-355*	UA-741, TLO-71		70405534	CS DRIVE BOARD
TLO-71*	UA-741, LF-355N, SC-5278			
TLO-84	TLO-74		70400074	
XR-4741	TL-O74, TL-O84, MC-33179		70404741	XR-4741 EQ
SN-99661	TL-604	SPECIAL HANDLING	70400604	CMOS DEVICE
CA-3094	87478		70487478	SINGLE O.T.A.
MF-6	MF-6CN-50	(6 POLE)	70400650	BUTTERWORTH FIL
MC-1436P1	MC-1436P1	STUDIO CHORUS	70401436	HI VOLT OP AMP
TDA-2005M	20 WATTS	MC-1436P1	70401436	BRIDGE AMP
TDA-2040		TDA-2040	70402040	POWER AMP
CD-4511		CD-4511	70404511	7 SEG. DRIVER
SLK-2452-02		SLK-2452-02	70402452	COUNTER/TIMER
3005		MN-3005, 4096	70403005	STAGED BBD IC
3007		MN-3007/1024-ST	70403007	LO-NOISE BBD
3101		MN-3101	70403101	BBD CLOCK GEN.
CA-32080E	DUAL O.T.A.	CA-3280G	70403280	DUAL INLINE
3302N	DUAL INLINE	LM-3302N, MC-3302	70403302	COMPARATOR IC
PWM-25		IP-3525A	70400025	IF IP-3525A IS USED, CALL FOR MODIFICATION

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
BA-6144		BA-6144	70406144	5 SEG. LED DRIVE
BA-6209		BA-6209	70406209	MOTOR DRIVER
STK-6327A	16-PIN SIP PACK	STK-6327A	70406327	EQ PACKAGE
8038CP		XR-8038	70408038	PREC. WAVEFORM GENERATOR
665		TEA-0665	7040665	DOLBY B/C NR IC
LM-323		LM-323/LT-323AK	70420323	+5V 3A TO-3 REG.

*   Original in-house part obsolete; no longer available.

**   When used as input chip in UT series amps, can cause scratch or DC on pregain control.

NOTE: Numbers with NO SUBSTITUTES must be replaced with the original number.

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
		DIGITAL I.C. LIST		
ADC-0804		(8 BIT)	70400804	A/D CONVERTER
AD-565AJN		(12 BIT)	70420565	D/A CONVERTER
AD-7524			70407524	CMOS DAC
AD-7528			70407528	DUAL CMOS DAC
AD-7545KN		(12 BIT)	70427545	D/A CONVERTOR
AD7580		10 BIT SAMPLER	70407580	A/D CONVERTOR
AM-25L04PC			70422504	12 BIT SAR
AM-6012DC			70426012	12 BIT P/A
BA-6209			70406209	BA-6209 I.C.
CA-3086			70423086	TRN ARRAY
CA-3280E			70403280	CA-3280 I.C.
CD-74HC04			70410004	HEX INVT. BUFFER
CD-74HC27			70430027	3 INPUT NOR
CD-74HCT11			70430011	CMOS TRIPLE INPUT AND ?

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
CD-74HCT257	CD-74HCT257E		70400257	I.C.
74HCT4066	CD-74HCT4066E		70424066	QUAD BI-LATERAL
CD-22402E			70422402	SYNC TIMER GEN.
CD-4001DE			70404001	CMOS QUAD NOR
CD-4013BE		(FLIP-FLOP)	70404013	CMOS DUAL D
CD-4016			70404016	ANALOG SWITCH
CD-4021			70404021	CMOS PARALLEL
CD-4051		MULTIPLEXER	70404051	ANALOG
CD-4053B			70404053	TRIPLE 2:1 MUX.
CD-4066		SWITCH	70404066	QUAD BI-LATERAL
CD-4071		BUFFER OR GATE	70404071	QUAD 2 INPUT
CD-4081			70404081	BINARY ENCODER
CD-4532			70404532	PRIORITY ENCODE
CD-40106BE			70440106	SCHMITT TRIGGER
CDM-6264E3		STATIC CMOS RAM	70480008	8K X8
DG-211			70420211	CJ I.C.
DM-2502			70422502	8 BIT SAREG
DS-0026			70420026	CMOS C/K DRIVER
HDPL-2601			70422601	OPTOCOUPLER
HCPL-2611			70422611	H.P. OPTOCOUPLER
HD-6409			70406409	ENCDR/DECODER
KM-41256		256K X 1	70480256	DYM RAM MICRON
L-296			70400296	SWITCHNG REG.
LF-398N			70420398	SAMPLE/HOLD AMP
LF-398N			70420398	SAMPLE/HOLD AMP
LH-324			70415019	OP AMP
LM-308			70420308	OP AMP
LM-311			70420311	V COMPARITOR
LM-317			70400317	ADJ REGULATOR

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
LM-325N			70400325	TRACKING REGULATOR
LM-399			70400399	QUAD DIFF. COMP.
LM-555CN			70420555	TIMER
LM-3080N			70403080	O.T.A.
LM-3080N	CUSTOM SELECTED		70413080	O.T.A.
LM-3086			70423086	TRN ARRAY
LM-3189			70403189	IF AMP/DET.
LM-835			70400835	DIGITAL CONT. EQ
MB-504			70400504	PRESCALER
MC-1408P6		(8 BIT)	70420806	D/A CONVERTOR
MC-14011			70414011	CD-4011
MC-14081B			70414081	REVERB GATE ARR
MC-145157			70405157	FREQ. SYNTH
MCM-4116		16K X 1	70424116	BP DYN RAM
6665AP20	MCM-6665AP20	64K BIT	70426664	DYNAMIC RAM
MF-650		6 POLE	70400650	BANDWITH FILTER
MPQ-918		XTR ARRAY	70400918	QUAD AMP
NE-566N			70420566	V CONTROL OSC.
NE-571N			70420571	COMPANDER I.C.
NE-572	SA-572	PROG. ANALOG	70420572	COMPANDER
P-80C31BH			70400031	CMOS MICROPROSS
PCM-54			70420054	16 BIT V D/A
PCM-56		SERIAL INPUT	70410056	16 BIT DAC
PCM-61			70401860	18 BIT DAC
QPC-4621			70424621	HI SLEW OPTOCOUPLER
S-3528			70403528	PROG. FILTER
SN74LS00N		(NAND GATE)	70420000	QUAD 2 INPUT
SN-74LS04N			70420004	HEX INVERTER
SN-74LS10N		(NAND GATE)	70420010	TRIPLE 8 INPUT

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
SN-74LS11N		(NAND GATE)	70420011	TRIPLE 8 INPUT
SN-74LS14N			70420014	SCHMITT TRIGGER
SN-74LS42N			70420042	1 OF 10 DECODER
SN-74LS74AN			70420074	DUAL D FLIPFLOP
SN-74LS153N			70420153	DUAL 4 IN MUX
SN-74LS157N			70420157	QUAD 2 IN MUX
SN-74LS161N			70420161	4 BIT BIN CTR.
SN-74LS174N			70420174	HEX-D FLIP-FLOP
SN-74LS193N			70420193	UP/DOWN BINARY
SN-74LS283N			70420283	4 BIT FULL ADDR.
SN-74LS374N			70420374	I.C.
SN-74LS393N			70420393	COUNTER
SN-74LS624N			70420624	I.C.
STK-6237		70406237	70406237	GRAPHIC EQ
TC-9135			70409135	HEX PANEL SW
TC-9144			70409144	LOGIC CHIP
TDA-7000			70407000	FM TUNER I.C.
TDA-8444		(DAC)	70408444	OCTUPLE 6 BIT
TLC-274B			70400274	OP AMP
TLC-549		(8 BIT)	70400549	A/D CONVERTER
TLJC-5411			70400541	A/D PERIPHERAL
UC-3637			70423637	PWM CONTROLLER
UC-3825			70403825	PWM I.C.
UM-8250A			70408250	UART
UPB-569C			70400569	PRESCALER
1 MEG SIMM			70400248	1 MEG X 8 SIMM
6N138			70400138	OPTOCOUPLER
68HC705C8			70407058	8 BIG MICRO CON.
74AC157		QUAD EXCLUSIVE	70410157	OR GATE

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
74AC175		(HI SPEED)	70420175	D FLIP-FLOP
74H238			70410238	3 TO 8 DECODER
74HC02		QUAD 2 INPUT	70410002	NOR GATE
74HC04			70430004	CMOS HEX INVERT
74HC08			70430008	QUAD AND GATE
74HC10			70430010	CMOS
74HC14N		(SCHMITT)	70420014	TRIGGER INVERT
74HC32P			70410032	
74HC85		(4 BIT)	70410085	MAGNITUDE COM.
74HC86		QUAD EXCLUSIVE	70410086	OR GATE
74HC123		(ONE SHOT)	70430123	DUAL TRIGGER
74HC132		QUAD 2 INPUT	70400132	NAND GATE
74HC221			70430221	DUAL NON RETRIG
74HC148			70400148	LIINE PRTY ENCOD
74HC164		(8 BIT)	70400164	SHIFT REGISTER
74HC175			70410175	4 BIT REGISTER
74HC257			70400257	QUAD MULTIPLEX
74HC393			70400393	HI SPEED CMOS
74HC404		HI-SPEED HEX	70400104	CMOS INVERTER
74HC573			70410573	OCTAL LATCH
74HC574			70410574	OCTAL REGISTER
74HC590			70410590	BINARY COUNTER
74HC4020			70404020	BINARY COUNTER
74HC4040			70414040	BINARY COUNTER
74HCT00N			70410000	CMOS NAND GATE
74HCT04		CMOS	70430004	HEX INVERTER
74HCT11			70430011	CMOS
74HCT42			70430042	CMOS
74HCT74		CMOS	70430074	DUAL FLIP-FLOP

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
74HC5138			70420138	3 TO 8 DECODER
74HC5153			70430153	DUAL 4 INPUT MUX
74HCT157			70430157	CMOS DUAL MUX
74HCT161		(CMOS)	70430161	BINARY COUNTER
74HCT174		CMOS HEX	70430174	D FLIP-FLOP
74HCT193			70430193	CMOS UP/DOWN
74HCT245			70400245	
74HCT283			70400283	CMOS FULL ADDER
74HCT373			70400373	OCTAL BUFFER
74HCT374			70400374	TRI. STATE OSC.
74HCT541			70410541	OCTAL BUFFER
74HCU04			70400104	HI-SPEED CMOS
74LS08			70420108	INPUT AND GATE
80C31			70414501	MICROPROCESSOR
87C751			70487751	MICROCONTROLLER
604			70400604	SN99661P-CMOS
2105		DIGITAL SIGNAL	70402105	PROCESSOR
3765		FLOPPY DISK	70403765	CONTROL
4028B		BCD TO DEC	70404028	DECODER
4328		(18 BIT)	70404328	STEREO D/A CONV.
4464		64K X 4	70424464	100NS D-RAM
4465		64K X 4 D-RAM	70424465	120NS
4515		(LATCH)	70404515	ADDRESSABLE
5380			70405380	SCSI CONTROLLER
6116		2K X 8 BIT	70406116	STATIC RAM
7406			70407406	HEX INVERTER
8155			70408155	I/O EXPANDER
8751		(8 MHZ)	70408751	MICROCONTROLLER
8038CP			70408038	WAVEFORM GEN.

ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
53528		PROGRAMMABLE	70403528	FILTER

Warning: All integrated circuits are static sensitive. Please handle all with caution; use grounded static-free work station.

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ORIGINAL IN-HOUSE NUMBER	ALTERNATE IN-HOUSE NUMBER	FIELD REPLACEMENT NUMBER	ORDER NUMBER	NOTES
		FET IN-HOUSE CROSS REFERENCE		
J-111	J-112	35 VOLT	70400111	SPECIAL APPLICATION
J-174	2N5461**	SPS-576**	70400174	30V P-CH.
J-177			70400177	30V P-CH.
J-231	J-202, SKA-3586**	2N5462** SPS-3008**	70400231	40V N-CH.
SPS-576*	2N5461, 2N5462	SPS-3008	70400576	40 V P-CH.
2N5459*			70405951	25V N-CH.
2N5951	SKA-3586, J231**		70405951	30V N-CH.
SPF-558*	2N5951**		70405951	25V N-CH.
MPF-161*	2N5461/2	J-175**	70400576	30V P-CH.
2N5458*	2N5951**		70405951	25V N-CH.
E-203*	2N5951**	SKA-3586**	70405951	40V N-CH.
J-175*	SPS-576**	2N5462**	70400576	30V P-CH.
J-270*	SPS-576**	2N5462**	70400576	30V P-CH.
2222+		(MOSFET)	70402222	60V ENHANCEMENT
SK-3586*	2N5951, J-231**		70405951	40V N-CH.
SPS-3008*	MPF-161, 2N5461/2	J-175**, SPS-576	70400576	40 V N-CH.
2N5461/2*	SPS-576, J-175**		70400576	40V P-CH.

** = Warning: Basing different; check basing diagram below.
* = Original in-house part number now obsolete; no longer available.

Note: Use only 40V FET's in all transient suppressor circuits. Also, note voltage rating when cross referencing FET's.

FET BASING DIAGRAM

From Bottom

```
 S    D    G
----------------------

– o       o   –     2N5461, 2N5462, MPF-161, SPS-3008, SPS-576
–     o      –
  –           –
     –     –
```

```
 D    G    S
----------------------

– o       o   –     J-177, J-174, J-270, J-175
–     o      –
  –           –
     –     –
```

```
 D    S    G
----------------------

– o       o   –     2N5459, 2N5458, J-231, J-111, J-112
–     o      –
  –           –
     –     –
```

```
 G    D    S
----------------------

– o       o   –     SKA-3586, 2N5951
–     o      –
  –           –
     –     –
```

```
 S    G    D
----------------------

– o       o   –     2222
–     o      –
  –           –
     –     –
```

CAPACITORS

Nearly all recent model Peavey circuits utilize glass/tubular capacitors which are often mistaken for diodes. They are distinguishable by their clear body and the capacitance value is printed on the side. The values are expressed as shown below.

1 uf 10%..105
.001 uf 10% 50V..............................102
.0015 uf 10% 50V............................152
.0022 uf 10% 50V............................222
.0033 uf 10% 50V............................332
.0068 uf 10% 50V............................682
.015 uf 10% 50V..............................153
.022 uf 10% 50V..............................223
.033 uf 10% 50V..............................333
.047 uf +80 -20 50V.........................473Z
.047 uf 10% 50V..............................473K
.068 uf 10% 50V..............................683
.1 uf +80 -20 50V.............................104K
.1 uf 10% 50V..................................104K

Capacitors with values in picofarads are light green in color and are marked in the same manner as resistors, with color bands. These are often mistaken for resistors.

Capacitors with light blue or pink bodies and color coded bands have values in microfarads and are read as follows:

1st band - brown = 1 2nd band - green = 5 3rd band - orange = 3

153 = .015 (see chart above)





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